



## Minutes—April 8, 2014

WAB 208

2:00 p.m.

### I. Committee Briefings

*FYI: A friendly reminder that student research grants are capped at \$2000.00 each*

### II. New Business

#### A. 2:00 pm

Laura Jones, Biology (Dr. Bruce Schulte)

*Changes in Dominance Hierarchy as it relates to Hormones Levels in African Elephants, *Loxodonta africana**

Requesting \$2,000.00

APPROVED

#### B. 2:10 pm

Kegan McClanahan, Geography & Geology (Dr. Jason Polk)

*The Influences of a Karst Landscape on the Carbon Cycle within a Mid-Latitude River*

Requesting \$500.00

NOT ENOUGH TIME TO COMPLETE PROJECT AND UTILIZE FUNDING

#### C. 2:20 pm

Jennifer Dumaine, Biology (Dr. Noah Ashley)

*The Effects of Leptin on the Acute Inflammatory Response Resulting from Sleep Deprivation and Sleep Fragmentation*

Requesting \$1,493.70

APPROVED

#### D. 2:30 pm

Amy Fehrenbach, Biology (Dr. Michael Smith)

*Hearing loss and tonotopy in fish saccules: exploring pressure and particle motion components of underwater acoustics*

Requesting \$2,000.00

APPROVED CONTINGENT THE DEANS SIGNATURE ON APPLICATION

#### E. 2:40 pm

Qian Dong, Biology (Dr. Ajay Srivastava)

*Understanding Cysteine Proteinase 1(CP1)'s role in the development of dorsal Air Sac Primordium (ASP) and wing unfolding of *Drosophila melanogaster**

Requesting \$2,000

APPROVED

- F. 2:50 pm  
Taylor Blaetz, Psychological Sciences (Dr. Lance W. Hahn)  
*The Electrophysiology of Informal Language Found on Twitter*  
Requesting \$2,000.00  
APPROVED
- G. 3:00 pm  
Sarah Goodyear, Biology (Dr. Bruce Schulte)  
*Habituation in elephants and how it applies to human-elephant conflict mitigation*  
Requesting \$2,000  
APPROVED
- H. 3:10 pm  
Jason Swift, Leadership Dynamics (Dr. Nevil Speer/Dr. Aaron Hughey)  
*International Education Affairs office: Importance and impact on internationalization initiatives*  
Requesting \$2,000  
APPROVED
- I. 3:20 pm  
Amy Mandelke, Psychology (Dr. Betsy Shoenfelt)  
*The Use of Interest Inventories in Employee Selection*  
Requesting \$1,453.46  
APPROVED \$500; THIS STUDENTS TRAVEL WAS NOT JUST FOR RESEARCH, SHE HAD INTENTIONS TO ATTEND A CONFERENCE ALSO
- J. 3:30 pm  
Rachana Neesu, Chemistry (Dr. Hemali Rathanayake)  
*Derivatives of anthracene, thiophene, and pyrene-based small molecules as promising materials for organic-based solar cells*  
Requesting \$2,000  
APPROVED \$1,700; THE STUDENT INDICATED THAT SOME OF THESE SUPPLIES WERE AVAILABLE IN LAB
- K. 3:40 pm  
Michael Barrow, Biology (Dr. Jarrett Johnson)  
*Range-wide genetic variation of the cave salamander *Eurycea lucifuga**  
Requesting \$1,985  
APPROVED
- L. 3:50 pm  
Jonathan Oglesby, Geography and Geology (Dr. Leslie North)  
*Applying Eye-Tracking Techniques to Enhance Gender and Age Specific Water Literacy Communication in rural West Africa: Subtracting the Obvious, Adding the Meaningful*  
Requesting \$2,000  
NO SHOW
- M. 4:00 pm

Daniel Nedvidek, Geography and Geology (Dr. Jason Polk)

*Stormwater Quality Monitoring Methodology Development for Clear and Concise  
Stormwater Sampling in Karst regions*

Requesting \$500

NO SHOW

N. 4:10 pm

Komako Suzuki, Educational Leadership Doctoral Program (Dr. Randy Capps)

*Using Collaborative Discussions in College ESL Classrooms*

Requesting \$500

APPROVED